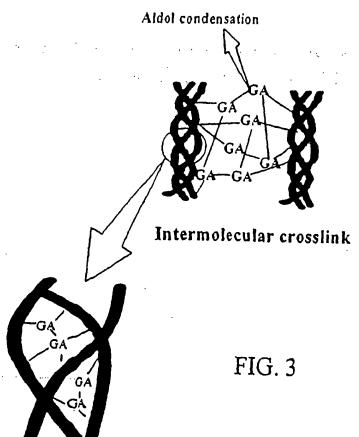


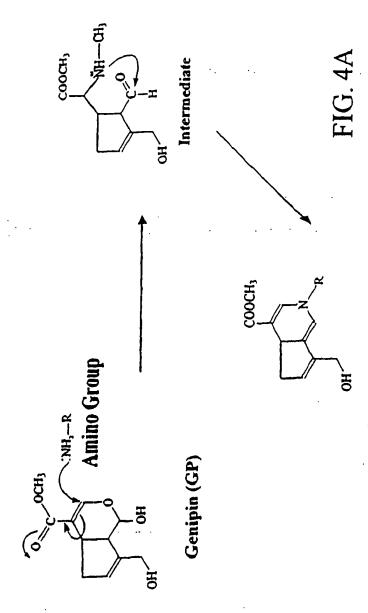
FIG. 2A

FIG. 2B

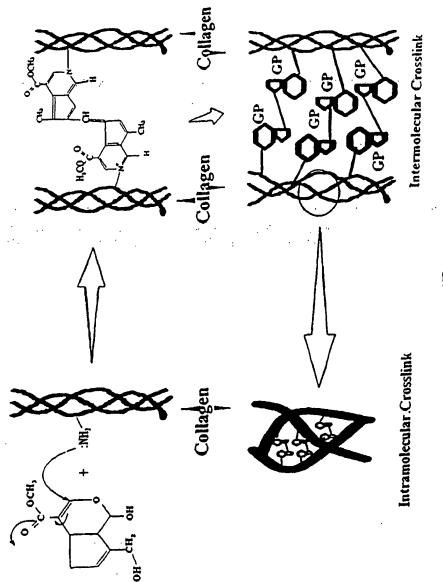
$$\begin{array}{c} C - (CH_2)_3 - C \\ H \end{array} \qquad \begin{array}{c} O \\ H \end{array} \qquad \begin{array}{c} C - (CH_2)_3 - C \\ H \end{array} \qquad \begin{array}{c} O \\ H \end{array} \qquad \begin{array}{c} C - (CH_2)_3 - C \\ H \end{array} \qquad \begin{array}{c} O \\ Glutaral dehyde \\ (GA) \end{array} \qquad \begin{array}{c} O \\ GA \end{array} \qquad$$



Intramolecular crosslink



Genipin-Amino-Group Monomer



:IG. 4B

(p)

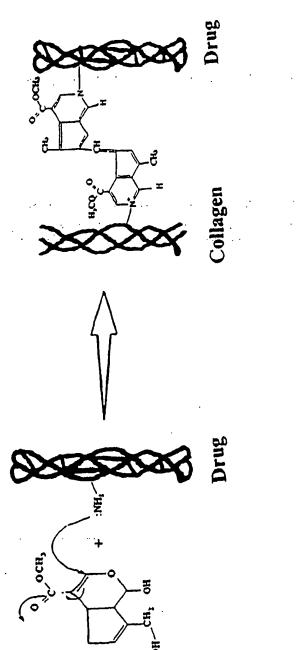
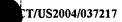


FIG. 5



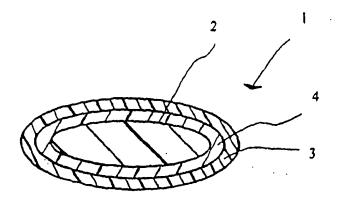


FIG. 6

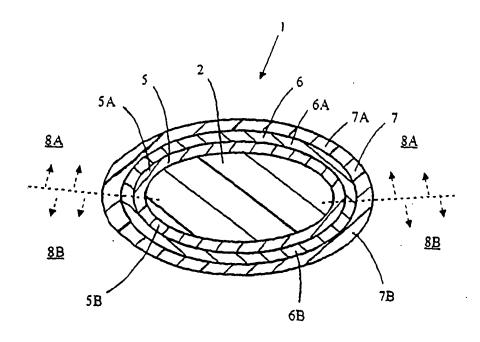


FIG. 7

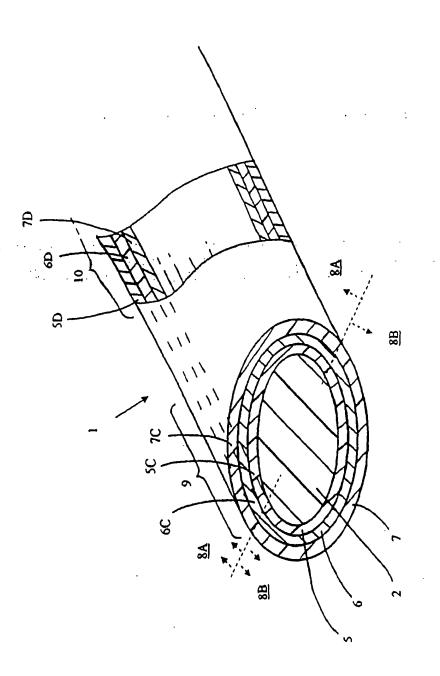


FIG.



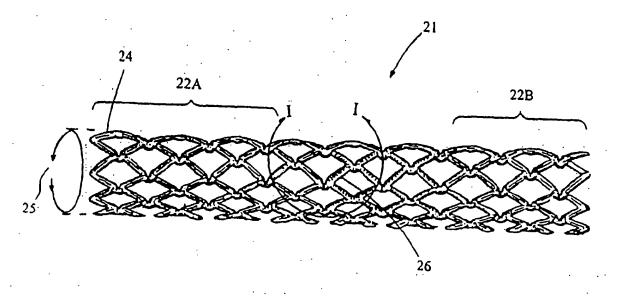


FIG. 9

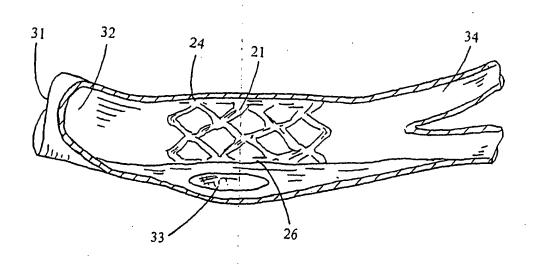


FIG. 11

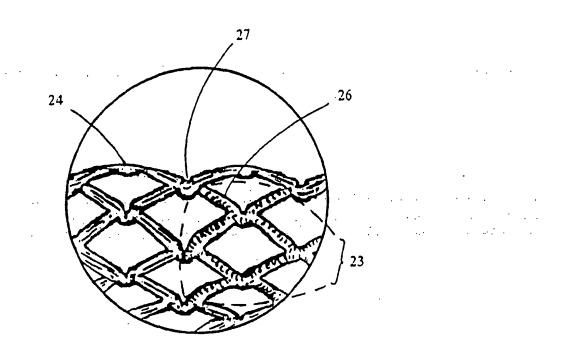


FIG. 10

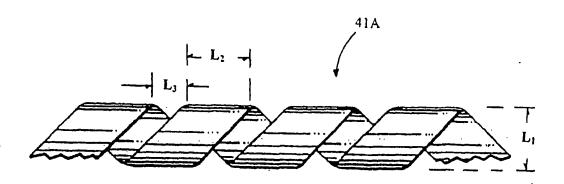


FIG. 12

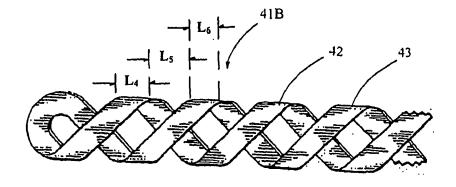


FIG. 13

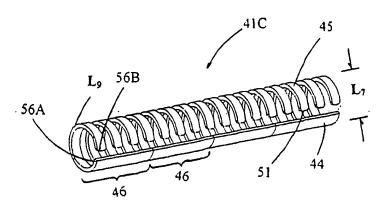


FIG. 14A

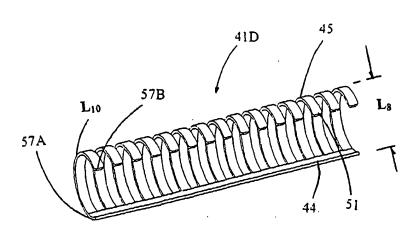
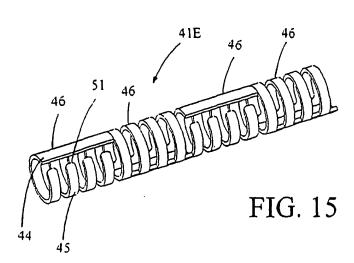
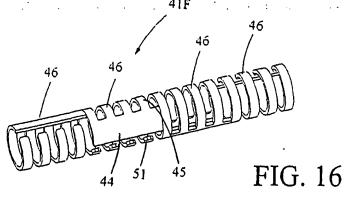
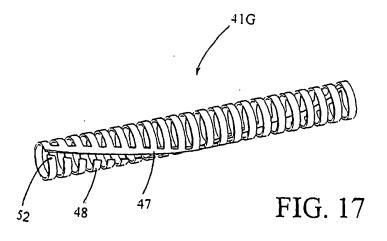


FIG. 14B



41F





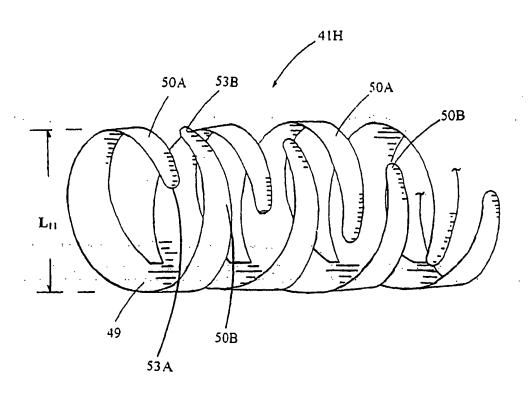


FIG. 18